

Product Name: CIP4 Rabbit Monoclonal Antibody**Catalog #: AMRe01828**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.32mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 68 kDa; Observed MW: 80 kDa

Antigen Information

Gene Name	TRIP10
Alternative Names	STP; CIP4; HSTP; STOT; TRIP-10
Gene ID	9322
SwissProt ID	Q15642
Immunogen	A synthetic peptide of human Cip4

Background

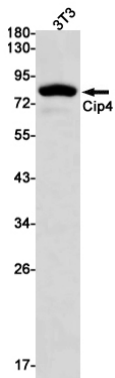
Required for translocation of GLUT4 to the plasma membrane in response to insulin signaling . Required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. Binds to lipids such as

phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promotes membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by recruiting WASL/N-WASP which in turn activates the Arp2/3 complex. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles. Required for the formation of podosomes, actin-rich adhesion structures specific to monocyte-derived cells. May be required for the lysosomal retention of FASLG/FASL.

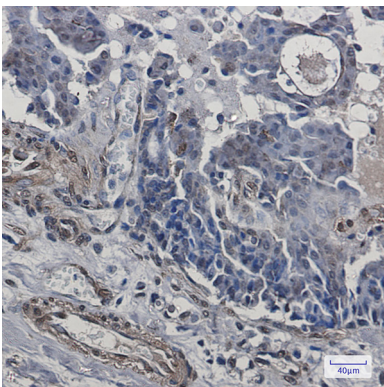
Research Area

Cell Biology

Image Data



Western blot analysis of Cip4 in 3T3 lysates using CIP4 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Cip4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.